

Converting Colors

Hex(103B4B)

Have a look what the booklet for
Hex(103B4B) contains.

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Color

Hex(103B4B)

Conversions

Conversions Part 1

Format	Color
Hex	103B4B
RGB	16, 59, 75
RGB Percent	6%, 23%, 29%
CMY	0.9373, 0.7686, 0.7059
CMYK	0.79, 0.21, 0.00, 0.71
HSL	196°, 65%, 18%
HSV	196°, 79%, 29%
XYZ	3.0477, 3.7461, 7.2190
YIQ	47.9670, -30.7640, -4.1400

Conversions

Conversions Part 2

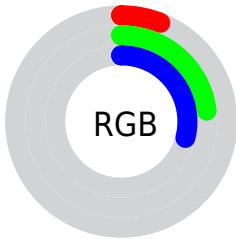
Format	Color
R _Y B	16, 41, 75
Decimal	1063755
CIE Lab	22.81, -8.45, -14.03
CIE LCh	23, 16.378, 238.926
Yxy	3.7461, 0.2175, 0.2673
Android (android.graphics.Color)	4279253835 (0xFF103B4B)
YUV	47.9670, 13.3273, -28.0351
Hunter-Lab	19.3548, -5.7639, -8.5659

Details

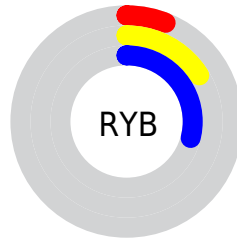
The Hex color **103B4B** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4B2010**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **446A7C**, and **00111F** is the 20% darker color. If you saturate the color by 10%, you get **09394B**, and if you desaturate by 10%, it is **183D4B**.

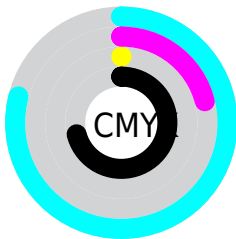
Distribution



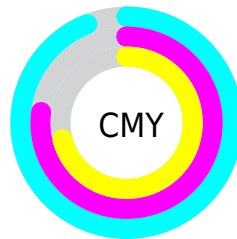
- Red (6%)
- Green (23%)
- Blue (29%)



- Red (6%)
- Yellow (16%)
- Blue (29%)



- Cyan (79%)
- Magenta (21%)
- Yellow (0%)
- Black (71%)



- Cyan (94%)
- Magenta (77%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 103B4B changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 103B4B by changing the saturation by 10% instead.

■ 103B4B

■ 103B4B

FFFFFF

■ 002534

■ 446A7C

■ 00111F

■ 5D8396

■ 000004

■ 779EB0

■ 000000

■ 92B8CC

■ ADD4E8

■ C9F0FF

■ E5FFFF

■ 103B4B

■ 103B4B

■ 09394B

■ 183D4B

■ 01374B

■ 1F3F4B

■ 00374B

■ 27414B

■ 2E434B

■ 36454B

■ 3D474B

■ 45494B

■ 4C4B4B

■ 544D4B

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



073D42



103B4B



24384F

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



103B4B



4D2D37



323921

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



103B4B



4B2010

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



3F361E



103B4B



4E2E2B

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



103B4B



452F43



493122



243C29

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



103B4B



31354D



493122



37381F

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



103B4B



4A5B61



104B20



222D30



B0B0B0



303030

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



103B4B



064861



101E4B



222526



004A66



00A7E6

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4B103B



610648



4B3D10



262225



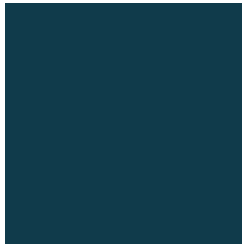
66004A



E600A7

Previews

White Background



This preview shows how the Hex color 103B4B looks on a white background.

Color Contrast Check

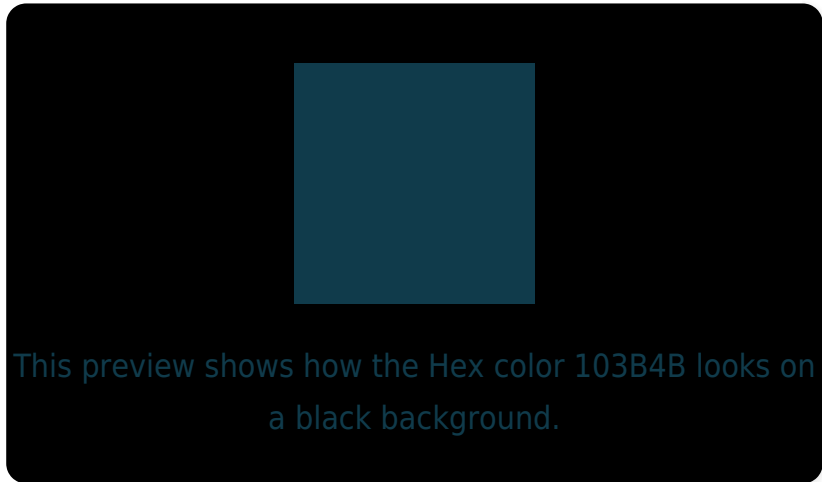
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

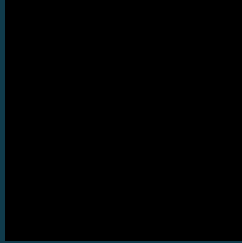
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

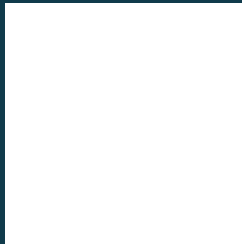
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 103B4B Background



This preview shows how black text looks on a background with the Hex color 103B4B.



This preview shows how white text looks on a background with the Hex color 103B4B.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
103B4B

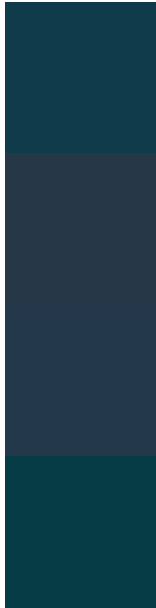
Protanopia
323647

Deuteranopia
2F364C



Tritanopia
003D42

Trichromacy



Original Color
103B4B

Protanomaly
263848

Deuteranomaly
24384C

Tritanomaly
063C45

Monochromacy



Original Color
103B4B

Achromatopsia
303030

Achromatomaly
24343A

CSS Examples

Text

The CSS property to change the color of the text to Hex 103B4B is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #103B4B looks like.

```
.text, #text, p{  
    color:#103B4B  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #103B4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #103B4B
}
```

Border

The CSS property to change the border of an element to Hex 103B4B is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#103B4B }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#103B4B }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #103B4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #103B4B; -webkit-box-shadow:4px 4px  
4px 4px #103B4B; box-shadow:4px 4px 4px  
4px #103B4B }
```

Background

The CSS property to change the background color of an element to Hex 103B4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#103B4B }
```

If only the background color should be changed can be used:

```
.background{ background-color:#103B4B }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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